S0473-1

ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	30	258	0	0 S	1,258	0	1,281	1,105,810	32,867	125,692
API# 02-001-20001				122 U						
				109 V						
01 Navajo-138 (388)	28	314	0	0 S	2,284	0	6,103	1,099,691	63,521	616,567
API# 02-001-20012				509 U						
				460 V						
01 Navajo-C (484)	30	26	0	0 S	171	0	181	6,833	2,092	1,838
API# 02-001-20092				16 U						
				14 V						
01X Navajo-B (445)	30	564	0	0 S	3,888	0	1,459	1,834,136	49,244	214,527
API# 02-001-20068				141 U						
				126 V						
02 Navajo-88 (431)	28	562	170	0 S	3,130	899	1,207	819,844	273,570	135,441
API# 02-001-20055				105 U						
				94 V						
03 Navajo-138 (723)	28	128	0	0 S	768	0	2,428	89,781	5,147	92,467
API# 02-001-20253				210 U						
				188 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	30	284	0	0 S	2,001	0	4,928	1,883,357	264,008	624,013
API# 02-001-20011				442 U						
				398 V						
04 Navajo (384)	29	2,443	10,034	0 S	17,242	64,117	198	3,452,768	2,078,246	101,843
API# 02-001-20009				26 U						
				23 V						
06 Navajo (390)	29	55	0	0 S	885	0	179	277,776	12,448	85,189
API# 02-001-20014				15 U						
				14 V						
06 Navajo-88 (722)	28	54	0	0 S	375	0	175	42,731	728	260,615
API# 02-001-20252				15 U						
				13 V						

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	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396)	0	0	0	0 S	0	0	0	1,656,074	554,845	259,211
API# 02-001-20020				0 U						
				0 V						
11 Navajo (506)	29	903	0	0 S	4,997	0	2,498	941,093	81,446	620,401
API# 02-001-20106				412 U						
				0 V						
14 Navajo (416)	29	27	0	0 S	217	0	716	306,862	21,041	147,346
API# 02-001-20040				61 U						
				55 V						
15 Navajo (417)	0	0	0	0 S	0	0	0	114,819	15,449	37,903
API# 02-001-20041				0 U						
				0 V						
16 Navajo (419)	0	0	0	0 S	0	0	0	96,442	34,583	16,680
API# 02-001-20043				0 U						
				0 V						
17 Navajo (618)	0	0	0	0 S	0	0	0	55,565	8,931	41,056
API# 02-001-20190				0 U						
				0 V						
19 Navajo (691)	29	273	0	0 S	2,686	0	3,096	311,238	11,443	234,730
API# 02-001-20240				522 U						
				0 V						
20 Navajo (696)	29	104	0	0 S	633	0	175	179,769	4,074	80,080
API# 02-001-20245				15 U						
				14 V						
21 Navajo (693)	29	333	0	0 S	2,405	0	552	56,557	26,816	27,954
API# 02-001-20242				52 U						
				47 V						
22 Navajo (692)	29	75	0	0 S	510	0	707	46,297	4,153	31,428
API# 02-001-20241				69 U						
				62 V						
24 Navajo (695)	0	0	0	0 S	0	0	0	97,499	364,648	49,699
API# 02-001-20244				0 U						
				0 V						
25 Navajo (719)	26	87	0	0 S	445	0	1,733	63,952	3,842	55,477
API# 02-001-20249				149 U						
				134 V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0 S	0	0	0	8,010	3,847	10,751
API# 02-001-20250				0 U						
				0 V						
27 Navajo (721)	29	243	0	0 S	921	0	684	76,790	665	49,832
API# 02-001-20251				95 U						
				85 V						
Operator & Field Total		6,733	10,204	4,812	44,816	65,016	28,300	14,800,911	3,976,283	4,103,369
Abandoned Producers								2,801,629	1,096,330	436,809
TOTAL DINEH-BI-KEYAH (HERMOSA)								17,602,540	5,072,613	4,540,178
DRY MESA (MISSISSIPPIAN)										
Dry Mesa Corp.										
02 Navajo-138 (106)	25	15	0	21,291 S	60	0	167,064	8,249	65,124	615,096
API# 02-001-05303				0 U						
				0 V						
03 Navajo-138 (115)	0	0	0	0 S	11	0	26,696	462,880	477,357	157,562
API# 02-001-05305				0 U						
				0 V						
05 Navajo-138 (213)	15	0	0	1,226 S	0	0	1,663	0	0	1,663
API# 02-001-05160				0 U						
				0 V						
06 Navajo-138 (852)	19	907	10,241	0 S	2,618*	44,044	0	86,507*	498,352	3,549
API# 02-001-20283				0 U						
				0 V						
Operator & Field Total		922	10,241	22,517	2,689*	44,044	195,423	557,636*	1,040,833	777,870
Abandoned Producers								239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)								797,597*	2,118,651	805,369
TEEC NOS POS (ISMAY/DESERT CREEK)										
Dry Mesa Corp.										
01 Navajo-O (232)	0	0	0	0 S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0 U						
				0 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Navajo-O (640)	0	0	0	0	S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0	U						
				0	V						
04 Navajo-O (663)	0	0	0	0	S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0	U						
				0	V						
05 Navajo-O (678)	0	0	0	0	S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0	U						
				0	V						
Operator & Field Total		0	0	0		0	0	0	472,979	206,827	1,410,800
Abandoned Producers									13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)									486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)											
Merrion Oil & Gas											
01 Navajo (28)	1	1	0	0	S	13	0	32	133,137	662,213	1,929,400
API# 02-001-05199				5	U						
				0	V						
02 Navajo (22)	1	1	0	0	S	15	0	26	16,835	8,828	1,765,242
API# 02-001-05200				5	U						
				0	V						
03-11 Navajo (490)	0	0	0	0	S	0	0	0	8,021	122,774	35,223
API# 02-001-20095				0	U						
				0	V						
Operator & Field Total		2	0	10		28	0	58	157,993	793,815	3,729,865
Abandoned Producers									709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)									867,664	5,006,077	9,635,353
BLACK ROCK (ISMAY/AKAH)											
Chuska Energy Co.**											
01 Black Rock (559)	30	5	13	4,705	S	32	13	37,016	838	246	831,543
API# 02-001-20145				95	U						
				0	V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Black Rock (581)	30	5	13	3,037 S	84	518	24,012	2,147	1,807	347,861
API# 02-001-20162				95 U						
				0 V						
05 Black Rock (868)	30	5	117	4,705 S	106	2,436	37,016	3,734	4,936	816,230
API# 02-001-20287				95 U						
				0 V						
08 Black Rock (871)	30	6	117	21,214 S	33	654	164,621	3,124	1,361	783,294
API# 02-001-20290				95 U						
				0 V						
Operator & Field Total	21	260		34,041	255	3,621	262,665	9,843	8,350	2,778,928
Abandoned Producers								17,265	283,008	1,634,565
TOTAL BLACK ROCK (ISMAY/AKAH)								27,108	291,358	4,413,493
ABANDONED FIELDS AND UNDESIGNATED WELLS								120,097	204,768	3,518,986
GRAND TOTALS	7,678	20,705	61,380		47,788**	112,681	486,446	19,901,335*	13,057,678	24,343,798

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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